Scan. Order. Done. Details on page A1.



Brass & Bronze Pipe & Pipe Nipples, Schedule 40, 80 & Instrumentation

Fully Threaded Low-Lead Pipe is precision machined for leak-free connections between pipe and fittings.

Brass is strong, highly conductive, maintains machineability at high temperatures, and resists corrosion from water, heat, acids, minerals, and peaty soils. It's compatible with stainless steel, copper, or zinc piping. Bronze is a metal alloy of copper and tin and resists corrosion from saltwater and has higher heat and electric conductivity than most metals. Pipe and nipples connect with pipe fittings to transport air, drinking water, flammable gases, slurries, and chemicals in plumbing applications for residential and commercial buildings. Threaded connections use PTFE tape to secure seal.

SCHEDULE 40: Low-pressure (100-299 psi). Schedule 40 pipe and nipples have thicker walls than Schedule 10, but not as thick as Schedule 80. Low-lead items are rated for use with drinking water.

uninking wa										-			
Unthreaded Low Pressure Pipe			Ful	Fully Threaded Nipple				readed on Ends Nipple	Instrumentation Threaded on Both Ends Nipple				
				Overall Length					Max.				
	l Pipe Size	Max. Operating Tem	12 in Item p. No.	3-ft Item No.	6-ft Item No.	Item	Overall Length Ial Pipe Size	Maximum Steam Pressure	Max. Operating Pressure	Operating Temp.	Brand	ltem No.	Pkg. Qty.
1,	Bronze Unthreaded L % in % in	400 °F 400 °F	4GRU5 4GRU7	4GRV5 4GRV7	4GRW5 4GRW7	_78 III NQIIIII	1½ in 2 in	276 psi @ 450°F	276 psi @ 450°F 276 psi @ 450°F 276 psi @ 450°F	400 °F 400 °F	_	1VGL5 1VGL7	1
3	/2 in /4 in 1 in	400 °F 400 °F 400 °F	4GRU8 — 4GRV1		4GRW8 4GRW9 4GRX1		21/2 in 3 in 31/2 in	276 psi @ 450°F 276 psi @ 450°F 276 psi @ 450°F	276 psi @ 450°F 276 psi @ 450°F 276 psi @ 450°F	400 °F 400 °F 400 °F	-	1VGL9 1VGN2 1VGN4	1
1	¼ in ½ in	400 °F 400 °F	4GRV3	4GRW2 4GRW3	4GRX2 4GRX3	Nipple	4 in 5 in	276 psi @ 450°F 276 psi @ 450°F 276 psi @ 450°F	276 psi @ 450°F 276 psi @ 450°F 276 psi @ 450°F	400 °F 400 °F 400 °F	_	1VGN6 1VGN8	1
Schedule 40	2 in Low-Lead Brass Thre ⁄4 in	400 °F aded on Both Ends I 400 °F	Pipe & Nipples 4GRU6	4GRW4	4GRX4 4GRW6		6 in 7 in 8 in	276 psi @ 450 F 276 psi @ 450°F 276 psi @ 450°F	276 psi @ 450 F 276 psi @ 450°F 276 psi @ 450°F	400 P 400 °F 400 °F	_	1VGP1 4GRZ1 4GTA4	1
Nominal Ove	erall	Maximum	Max. Operating	Max. Operating	Item		9 in 10 in 12 in	276 psi @ 450°F 276 psi @ 450°F	200 psi @ 150°F 276 psi @ 450°F 276 psi @ 450°F	400 °F 400 °F 400 °F	_	4GTC7 4GTE1 4GTG7	1
Schedule 40 1/8 in 13/3	ngth Connection Typ Low-Lead Brass Fully 32 in MNPT	Threaded Nipples 1200 psi	Pressure 1000 psi @ 200°F	Temp. 250 °F	No. 46M479	Pipe	18 in 2-ft	276 psi @ 450 F 276 psi @ 450°F 276 psi @ 450°F	276 psi @ 450 F 276 psi @ 450°F 276 psi @ 450°F	400 °F 400 °F	_	4GTJ1 4GTK2	1
1/4 in 1/2 1/4 in 1/2	2 in MNPT 22 in MNPT	1200 psi 1200 psi	1000 psi @ 200°F 1000 psi @ 200°F 1000 psi @ 200°F	250 °F 250 °F	46M478 46M474		3-ft 6-ft nal Pipe Size	276 psi @ 450°F 276 psi @ 450°F	276 psi @ 450°F 276 psi @ 450°F	400 °F 400 °F	=	4GTL3 4GTR6	1
3% in 45% 1/2 in 51%	in MNPT 64 in MNPT 64 in MNPT	1200 psi 1200 psi 1200 psi	1000 psi @ 200°F 1000 psi @ 200°F	250 °F 250 °F 250 °F	46M473 46M477 46M476	<u></u>	1½ in 2 in	267 psi @ 450°F 267 psi @ 450°F	267 psi @ 450°F 267 psi @ 450°F	400 °F 400 °F	=	1VGP5 1VGP7	1
Schedule 40	64 in MNPT Bronze Fully Threade 4 in MBSPT x MNP	1200 psi	1000 psi @ 200-F	250 °F 400 °F	46M475 4TJK4		21/2 in 3 in 31/2 in	267 psi @ 450°F	267 psi @ 450°F 267 psi @ 450°F 267 psi @ 450°F	400 °F 400 °F 400 °F		1VGP9 1VGR2 1VGR4	1
1/8 in 3/4 1/4 in 7/8	in <u>MNPT</u> in MNPT	373 psi @ 450°F 373 psi @ 450°F 282 psi @ 450°F 276 psi @ 450°F	373 psi @ 450°F 201 psi @ 450°F 276 psi @ 450°F	400 °F 400 °F	1VGG3 1VGJ3	Nipple	4 in 5 in				_	1VGR6 1VGR8	1
1/2 in 11/	in MNPT /s in MNPT /s in MBSPT x MNP	267 psi @ 450°F	267 psi @ 450°F	400 °F 400 °F 400 °F	1VGL3 1VGP3 4TJK8		6 in 6½ in 7 in	267 psi @ 450°F 267 psi @ 450°F 267 psi @ 450°F	267 psi @ 450°F 267 psi @ 450°F 267 psi @ 450°F	400 °F 400 °F 400 °F		1VGT1 4GRX8 4GRZ2	1
3/4 in 11/ 3 in 25/	/s in MNPT /s in MNPT	953 psi @ 300°F 576 psi @ 300°F	144 psi @ 450°F	400 °F 400 °F	1VGT3 1VHD8		8 in 9 in	267 psi @ 450°F 267 psi @ 450°F	267 psi @ 450°F 267 psi @ 450°F	400 °F 400 °F	_	4GTA5 4GTC8	1
4 in27	% in MNPT Overall Maxim		140 psi @ 450°F Max. ting Operating	400 °F	1VHE4 tem Pkg		10 in 12 in 18 in	267 psi @ 450°F 267 psi @ 450°F 267 psi @ 450°F	267 psi @ 450°F 267 psi @ 450°F 267 psi @ 450°F	400 °F 400 °F 400 °F	=	4GTE2 4GTG8 4GTJ2	1
	Length Steam Pro Low-Lead Brass Thre	essure Pressure	e Temp.		No. Qty.		2-ft 3-ft 4-ft	267 psi @ 450°F 267 psi @ 450°F 267 psi @ 450°F	267 psi @ 450°F 267 psi @ 450°F	400 °F 400 °F 400 °F	-	4GTK3 4GTL4 4GTN5	1
1% in Nominal	11/6 in 373 nci @	450°F 373 psi @ 4	50°F 400 °F 50°F 400 °F		/GG5 1 /GG7 1	¾ in Nomir	nal Pipe Size	953 nsi @ 300°F	240 nsi @ 450°F	400 °F	_	1VGT5	1
	2½ in 373 psi @ 3 in 373 psi @	450°F 373 psi @ 4 450°F 373 psi @ 4 450°F 373 psi @ 4	50°F 400°F 50°F 400°F	<u> </u>	VGG9 1 VGH2 1	-	2 in 2½ in	953 psi @ 300°F 953 psi @ 300°F 953 psi @ 300°F	240 psi @ 450°F 240 psi @ 450°F	400 °F 400 °F	=	1VGT7 1VGT9	1
	3½ in 373 psi @ 4 in 373 psi @ 5 in —	1 373 psi @ 450°F 373 psi @ 450°F	50°F 400 °F 50°F 400 °F 400 °F	- 1\	VGH4 1 VGH6 1 VGH8 1	-	3 in 3½ in 4 in	953 psi @ 300°F	240 psi @ 450°F	400 °F 400 °F 400 °F		1VGU2 1VGU4 1VGU6	1
Nipple	6 in 373 psi @ 6½ in 373 psi @	450°F 373 psi @ 4 450°F 373 psi @ 4 150°F 200 psi @ 1 450°F 373 psi @ 4 450°F 373 psi @ 4	50°F 400 °F 50°F 400 °F	<u> </u>	VGJ1 1 GRX5 1	Nipple	5 in 6 in	953 psi @ 300°F 953 psi @ 300°F 953 psi @ 300°F	240 psi @ 450°F	400 °F 400 °F	_	1VGU8 1VGV1	1
_	7 in 125 psi @ 8 in 373 psi @ 9 in 373 psi @	150°F 200 psi @ 1 450°F 373 psi @ 4 450°F 373 psi @ 4	50°F 400 °F 50°F 400 °F 50°F 400 °F	- 4	GRY8 1 GTA2 1 GTC5 1	_	6½ in 7 in 8 in	953 psi @ 300°F 953 psi @ 300°F 953 psi @ 300°F		400 °F 400 °F 400 °F		4GRX9 4GRZ3 4GTA6	1
	10 in 373 psi @ 11 in 373 psi @	450°F 373 psi @ 4 450°F 373 psi @ 4 450°F 373 psi @ 4	50°F 400°F 50°F 400°F	- 40	GTD8 1 GTF2 1	-	9 in 10 in	953 psi @ 300°F 953 psi @ 300°F	240 psi @ 450°F 240 psi @ 450°F	400 °F 400 °F	=	4GTC9 4GTE3	1
	12 in 373 psi @ 18 in 373 psi @ 2-ft 373 psi @	450°F 373 psi @ 4 450°F 373 psi @ 4 450°F 373 psi @ 4	50°F 400 °F 50°F 400 °F 50°F 400 °F	- 40	GTG5 1 GTH8 1 GTJ9 1		11 in 12 in 2-ft	953 psi @ 300 F 953 psi @ 300°F 953 psi @ 300°F	240 psi @ 450 F 240 psi @ 450°F 240 psi @ 450°F	400 °F 400 °F 400 °F	-	4GTF6 4GTG9 4GTK4	1
Pipe	3-ft 373 psi @ 4-ft 373 psi @	450°F 373 psi @ 4 450°F 373 psi @ 4	50°F 400 °F 50°F 400 °F	- 4 - 4	GTL1 1 GTN2 1	Pipe	4-ft 5-ft	953 psi @ 300°F 953 psi @ 300°F 953 psi @ 300°F	240 psi @ 450°F 240 psi @ 450°F 240 psi @ 450°F	400 °F 400 °F 400 °F	_	4GTN6 4GTP7 4GTR8	1
¼ in Nominal	l Pipe Size	450°F 373 psi @ 4			GTR4 1 VGJ5 1	1 in Nomin	6-ft al Pipe Size 1½ in	755 psi @ 300 P		400 P	_	1VGV3	1
_	2 in 282 psi @ 2½ in 282 psi @	450°F 201 psi @ 4 450°F 201 psi @ 4	50°F 400 °F 50°F 400 °F	— 1 — 1	VGJ7 1 VGJ9 1	-	2 in 21/2 in	755 psi @ 300°F 755 psi @ 300°F	190 psi @ 450°F 190 psi @ 450°F	400 °F 400 °F	_	1VGV5 1VGV7	1
	3 in 282 psi @ 3½ in 282 psi @	450°F 201 psi @ 4 450°F 201 psi @ 4 450°F 201 psi @ 4	50°F 400 °F 50°F 400 °F 50°F 400 °F	- 1	VGK2 1 VGK4 1 VGK6 1	-	3 in 3½ in 4 in	755 psi @ 300°F 755 psi @ 300°F 755 psi @ 300°F	100 nei @ 450°F	400 °F 400 °F 400 °F		1VGV9 1VGW2 1VGW4	1
Nipple	4 in 282 psi @ 5 in 282 psi @ 6 in 282 psi @	450°F 201 psi @ 4 450°F 201 psi @ 4 450°F 201 psi @ 4	50°F 400°F 50°F 400°F	- 1 - 1	VGK8 1 VGL1 1	Nipple	5 in 6 in	755 psi @ 300°F 755 psi @ 300°F	190 psi @ 450°F 190 psi @ 450°F	400 °F 400 °F	=	1VGW6 1VGW8	1
-	6½ in 282 psi @ 7 in 282 psi @ 8 in 282 psi @	450°F 201 psi @ 4 450°F 201 psi @ 4 150°F 200 psi @ 1 450°F 201 psi @ 4	50°F 400 °F 50°F 400 °F 50°F 400 °F	<u> </u>	GRX6 1 GRY9 1 GTA3 1	-	6½ in 7 in 8 in	755 psi @ 300°F 755 psi @ 300°F 755 psi @ 300°F	190 psi @ 450°F 190 psi @ 450°F	400 °F 400 °F 400 °F	_	4GRY1 4GRZ4 4GTA7	1 1 1
	9 in 282 psi @ 10 in 282 psi @	450°F 201 psi @ 4 450°F 201 psi @ 4	50°F 400°F 50°F 400°F 50°F 400°F	- 40 - 40	GTC6 1 GTD9 1	-	9 in 10 in	755 psi @ 300°F 755 psi @ 300°F	190 psi @ 450°F 190 psi @ 450°F	400 °F 400 °F	_	4GTD1 4GTE4	1
	11 in 125 psi @ 12 in 282 psi @	150°F 200 psi@1 450°F 201 psi@4	50°F 400 °F 50°F 400 °F	- 40	GTF3 1 GTG6 1		11 in 12 in 18 in	755 psi @ 300°F 755 psi @ 300°F 755 psi @ 300°F	190 psi @ 450°F 190 psi @ 450°F	400 °F 400 °F 400 °F	-	4GTF7 4GTH1 4GTJ4	1
_	18 IN 282 psi @	450°F 201 psi@4	50°F 400 °F	- 4	GTH9 1 GTK1 1	Pipe	2-ft 3-ft	755 psi @ 300°F 755 psi @ 300°F	190 psi @ 450°F 190 psi @ 450°F	400 °F 400 °F	_	4GTK5 4GTL6	1
Pipe	3-ft 282 psi @ 4-ft 282 psi @ 5-ft 282 psi @	450°F 201 psi @ 4 450°F 201 psi @ 4 450°F 201 psi @ 4 450°F 201 psi @ 4 450°F 201 psi @ 4	50°F 400 °F 50°F 400 °F 50°F 400 °F	- 4	GTL2 1 GTN3 1 GTP4 1	-	6-ft	/ 55 psi @ 300°F	190 psi @ 450°F	400 °F			
	6-ft 282 psi @	450°F 201 psi@4	50°F 400°F 50°F 400°F		GTR5 1	-						SONTINUE	-v)

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